Table ENG-3. - Building Site Development

Giles County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of	f		Dwellings with Basements		Small Commercial Buildings	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:	-						
Allegheny	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding Slope	1.00 0.13
1C:							
Allegheny	95	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Slope	0.37	Slope	1.00
2D:							
Berks	90	Very limited		Very limited		Very limited	
		Slope Depth to hard bedrock	1.00 0.95	Depth to hard bedrock Slope	1.00 1.00	Slope Depth to hard bedrock	1.00 0.95
0.5		•		·		·	
2F: Berks	90	Very limited		Very limited		Very limited	
Being	00	Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.95	Depth to hard bedrock	1.00	Depth to hard bedrock	0.95
3F:							
Berks	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.95	Depth to hard bedrock	1.00	Depth to hard bedrock	0.95
4B:							
Braddock	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell Slope	1.00 0.13
4C:							
Braddock	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.37	Slope	0.37	Slope	1.00
4D:							
Braddock	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
4E:	0.5	Many House to al		Manual Bashka al		Mana Basta d	
Braddock	85	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Slope Shrink-swell	1.00 1.00	Slope Shrink-swell	1.00 1.00	Slope Shrink-swell	1.00 1.00
5C:							

Map Symbol and Soil Name	Pct of	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5C: Carbo	90	Very limited Shrink-swell Depth to hard bedrock Slope	1.00 0.84 0.04	Very limited Shrink-swell Depth to hard bedrock Slope	1.00 1.00 0.04	Very limited Shrink-swell Slope Depth to hard bedrock	1.00 1.00 0.84
Rock outcrop	5	Not Rated		Not Rated		Not Rated	
Wet spots	2	Not Rated		Not Rated		Not Rated	
5D:							
Carbo	90	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 1.00 0.84	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 1.00 0.84
Rock outcrop	5	Not Rated		Not Rated		Not Rated	
6F:							
Carbo	45	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 1.00 0.84	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to hard bedrock	1.00 1.00 0.84
Rock outcrop	45	Not Rated		Not Rated		Not Rated	
7:							
Chagrin	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Frequently flooded	5	Not Rated		Not Rated		Not Rated	
8:							
Chagrin variant	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
9: Chavies variant	90	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.82	Very limited Flooding	1.00
10B:							
Cotaco	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
						Slope	0.13
Seep areas	5	Not Rated		Not Rated		Not Rated	
10C:							

Map Symbol and Soil Name	Pct of			Dwellings with Basements		Small Commercial Buildings	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
0C:	•						
Cotaco	90	Somewhat limited		Very limited		Very limited	
		Depth to saturated	0.39	Depth to saturated	1.00	Slope	1.00
		zone Slope	0.37	zone Slope	0.37	Depth to saturated zone	0.39
Seep areas	5	Not Rated		Not Rated		Not Rated	
1D:							
Faywood	90	Very limited		Very limited		Very limited	
,		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Shrink-swell	0.50	Slope	1.00	Shrink-swell	0.50
		Depth to hard bedrock	0.06	Shrink-swell	0.50	Depth to hard bedrock	0.06
1F:							
Faywood	90	Very limited		Very limited		Very limited	
-		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Depth to hard bedrock	1.00	Shrink-swell	0.50
		Depth to hard bedrock	0.06	Shrink-swell	0.50	Depth to hard bedrock	0.06
2:							
Fluvaquents	80	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Ponded soils	5	Not Rated		Not Rated		Not Rated	
3B:							
Frederick	90	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
						Slope	0.13
3C:							
Frederick	90	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.37	Slope	0.37	Slope	1.00
3D:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
3E:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
4B:							



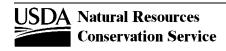
Map Symbol and Soil Name	Pct of			Dwellings with Basements		Small Commercial Buildings	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14B:					<u> </u>		
Frederick	90	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell Slope	1.00 0.13
14C:							
Frederick	90	Very limited		Very limited		Very limited	
		Shrink-swell Slope	1.00 0.37	Shrink-swell Slope	1.00 0.37	Shrink-swell Slope	1.00 1.00
14D:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
14E:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope Shrink-swell	1.00 1.00	Slope Shrink-swell	1.00 1.00	Slope Shrink-swell	1.00 1.00
		Sillik-Swell	1.00	Sillink-Swell	1.00	Silllik-swell	1.00
15C:							
Frederick	90	Very limited		Very limited		Very limited	
		Shrink-swell Slope	1.00 0.37	Shrink-swell Slope	1.00 0.37	Shrink-swell Slope	1.00 1.00
15D:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
15E:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
16D:							
Frederick	70	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Slope	1.00
		Slope	1.00	Slope	1.00	Shrink-swell	1.00
Rock outcrop	20	Not Rated		Not Rated		Not Rated	
16F:							
Frederick	70	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
Rock outcrop	20	Not Rated		Not Rated		Not Rated	
17C:							

Map Symbol and Soil Name	Pct of			Dwellings with Basements		Small Commercial Buildings	
a.a	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17C:							
Gilpin	90	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Slope	0.37	Slope	1.00
		Shrink-swell	<0.01	Depth to soft bedrock	0.16	Shrink-swell	<0.01
17D:							
Gilpin	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	<0.01	Depth to soft bedrock	0.16	Shrink-swell	<0.01
17F:							
Gilpin	90	Very limited		Very limited		Very limited	
Gilpin	30	Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	<0.01	Depth to soft bedrock	0.16	Shrink-swell	<0.01
				•			
18D:							
Gilpin	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	<0.01	Depth to soft bedrock	0.16	Shrink-swell	<0.01
18F:							
Gilpin	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	<0.01	Depth to soft bedrock	0.16	Shrink-swell	<0.01
19C:							
Jefferson	90	Somewhat limited		Somewhat limited		Very limited	
0011010011		Slope	0.04	Slope	0.04	Slope	1.00
20C:							
Jefferson	90	Not limited		Not limited		Very limited	
						Slope	1.00
20E:							
Jefferson	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
21C:	00	NI of Books of		NI of Buckley d		Maria Basifia d	
Jefferson	90	Not limited		Not limited		Very limited	1.00
						Slope	1.00
21E:							
Jefferson	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
245.							
21F: Jefferson	90	Very limited		Vary limited		Very limited	
Jelieisuri	90	Slope	1.00	Very limited Slope	1.00	Slope	1.00
		оюре	1.00	Оюре	1.00	οιορ ο	1.00
22D:							

Map Symbol	Pct of	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22D:			•				
Jefferson variant	60	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Drall	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.54	Depth to hard bedrock Content of large stones	0.71 0.54	Content of large stones	0.54
22F:							
Jefferson variant	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
Drall	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.54	Depth to hard bedrock Content of large stones	0.71 0.54	Content of large stones	0.54
23F:							
Lehew	60	Very limited		Very limited		Very limited	
		Slope Depth to hard bedrock	1.00 0.03	Slope Depth to hard bedrock	1.00 1.00	Slope Depth to hard bedrock	1.00 0.03
Wallen	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.35	Depth to hard bedrock	1.00	Depth to hard bedrock	0.35
24C:							
Lily	85	Somewhat limited		Very limited		Very limited	
		Depth to hard bedrock Shrink-swell	0.06 <0.01	Depth to hard bedrock	1.00	Slope Depth to hard bedrock Shrink-swell	1.00 0.06 <0.01
24D:							
Lily	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock Shrink-swell	0.06 <0.01	Depth to hard bedrock	1.00	Depth to hard bedrock Shrink-swell	0.06 <0.01
25F:							
Lily	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock Shrink-swell	0.06 <0.01	Depth to hard bedrock	1.00	Depth to hard bedrock Shrink-swell	0.06 <0.01
26F:							



Marting Class and Unit Class and U	Map Symbol and Soil Name	Pct of	Dwellings without Basements		Dwellings with Basements			
Lily	and Son Name	Map Unit		Value		Value		Value
Siope	26F:							
Depth to hard bedrock 0.06 Shrink-swell 0.05 Shrink-swell 0.07 Shrink-swell 0.08 Depth to hard bedrock 0.08 Depth to hard bedrock 0.08 Depth to hard bedrock 0.08 Shrink-swell 0.08 Shrink-swell 0.09 Shrink	Lily	85	=		-		-	
			•		•		•	1.00
Lily			•		Depth to hard bedrock	1.00	•	0.06 <0.01
Depth to hard bedrock 0.06 Depth to hard bedrock 1.00 Slope 1.00 Depth to hard bedrock Slope 0.04 Slope 0.04 Shrink-swell <0.01 Slope 1.00 Slope 1.00 Slope 1.00 Slope 1.00 Slope 1.00 Shrink-swell <0.01	27C:							
Slope Shrink-swell Slope Shrink-swell Slope Shrink-swell Slope Shrink-swell Shrink-swell Shrink-swell Shrink-swell Shrink-swell Shrink-swell Shrink-swell Shrink-swell Slope Shrink-swell Slope Shrink-swell Slope Shrink-swell Slope Shrink-swell Slope Shrink-swell Shrink-swell Slope Shrink-swell Shrink-swell Slope Shrink-swell Shrink-swell Slope Shrink-swell Slope Shrink-swell Shrink-swell Slope Shrink-swell Slope Shrink-swell Slope Shrink-swell Shrink-swell Shrink-swell Slope Shrink-swell Shr	Lily	55	Somewhat limited		Very limited		Very limited	
Shrink-swell <0.01 Shrink-swell <0.01			•		•		•	1.00
Bailegap 35 Somewhat limited Somewhat limited Slope 0.04 Slope 0.04 Slope 0.04 Slope 0.04 Slope 0.05 Stones 0.			•		Slope	0.04	•	0.06
Slope			Shrink-swell	<0.01			Shrink-swell	<0.01
Content of large stones	Bailegap	35	Somewhat limited		Somewhat limited		Very limited	
Stones			Slope	0.04	Slope	0.04	Slope	1.00
27E: Lily				0.03	_	0.03		0.03
Lily			Stories			0.01	Stories	
Slope	27E:							
Bailegap 20 Very limited Very limited Very limited Very limited Very limited Slope 1.00 Slope 1.00 Slope 1.00 Slope 1.00 Content of large stones Depth to hard bedrock 0.01 27F: Lily 65 Very limited	Lily	70	=		-		-	
Shrink-swell <0.01 Shrink-swell <0.01 Shrink-swell <0.01			•		•		•	1.00
Slope			•		Depth to hard bedrock	1.00	•	0.06 <0.01
Content of large stones	Bailegap	20	Very limited		Very limited		Very limited	
Stones Stones Stones Stones Stones Stones Stones Depth to hard bedrock 0.01			•		•		•	1.00
Depth to hard bedrock 0.01				0.03	· ·	0.03	<u> </u>	0.03
Lily 65 Very limited Slope 1.00 Slope 1.00 Slope 1.00 Depth to hard bedrock Shrink-swell Very limited Very limited Very limited 1.00 Depth to hard bedrock Shrink-swell Very limited			Stories			0.01	Stories	
Slope 1.00 Slope 1.00 Slope 1.00 Depth to hard bedrock 0.06 Depth to hard bedrock 1.00 Depth to hard bedrock 5hrink-swell <0.01 Shrink-swell <0.01 Shrink-swell <0.00								
Depth to hard bedrock Shrink-swell <0.01 Depth to hard bedrock Shrink-swell <0.01 Shrink-swell <0.00 Shrink-	Lily	65	=		-		-	
Bailegap 25 Very limited Very limited Very limited Very limited Very limited Slope 1.00			•		•		•	1.00
Slope 1.00 Slope 1.00 Slope 1.00 Slope 1.00 Slope 1.00 Content of large stones 1.00 Slope 1.00 Slop			•		Deptn to nard bedrock	1.00	'	0.06 <0.01
Content of large stones Content of large stones 0.03 Content of large stones Depth to hard bedrock 0.01 28E: Lily 55 Very limited Slope 1.00 Slope 0.03 Content of large stones 0.03 Content of large stones Very limited Very limited Very limited 1.00 Slope 1.00 Slope 1.00 Slope	Bailegap	25	Very limited		Very limited		Very limited	
stones stones stones Depth to hard bedrock 0.01 28E: Lily 55 Very limited Very limited Very limited Slope 1.00 Slope 1.00 Slope 1.00 Slope 1.00			Slope	1.00	Slope	1.00	Slope	1.00
28E: Lily 55 Very limited Very limited Very limited Very limited 1.00 Slope				0.03		0.03		0.03
Lily 55 Very limited Very limited Very limited Very limited Slope 1.00 Slope 1.00 Slope 1.00			Stories			0.01	Stories	
Lily 55 Very limited Very limited Very limited Very limited Slope 1.00 Slope 1.00 Slope 1.00	28E:							
Slope 1.00 Slope 1.00 Slope 1.00		55	Very limited		Very limited		Very limited	
	•		=	1.00		1.00	-	1.00
Depth to hard bedrock 0.06 Depth to hard bedrock 1.00 Depth to hard bedrock 0.0			Depth to hard bedrock	0.06	Depth to hard bedrock	1.00	Depth to hard bedrock	0.06
Shrink-swell <0.01 Shrink-swell <0.0			Shrink-swell	<0.01			Shrink-swell	<0.01



Map Symbol and Soil Name	Pct of	of		Dwellings with Basements		Small Commercial Buildings	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28E:							-
Bailegap	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.03	Content of large stones	0.03	Content of large stones	0.03
				Depth to hard bedrock	0.01		
29B:							
Nolichucky	90	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell Slope	0.50 0.13
29C:							
Nolichucky	90	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.50
29D:							
Nolichucky	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
30C:							
Nolichucky	90	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.50
30D:							
Nolichucky	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
30F:							
Nolichucky	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
31C:							
Poplimento	85	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.78	Shrink-swell	0.78	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.78
31D:							
Poplimento	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.78	Shrink-swell	0.78	Shrink-swell	0.78
31E:							



Map Symbol and Soil Name	Pct of	f		Dwellings with Basements		Small Commercial Buildings	
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31E:	•				•		
Poplimento	85	Very limited		Very limited		Very limited	
		Slope Shrink-swell	1.00 0.78	Slope Shrink-swell	1.00 0.78	Slope Shrink-swell	1.00 0.78
		Ommik-Swen	0.70	Omme-swen	0.70	Ommik-Swen	0.70
32F:							
Rock outcrop	65	Not Rated		Not Rated		Not Rated	
Berks	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.95	Depth to hard bedrock	1.00	Depth to hard bedrock	0.95
33D:							
Sequoia	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.94	Shrink-swell	0.94	Shrink-swell	0.94
				Depth to soft bedrock	0.29		
33F:							
Sequoia	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.94	Shrink-swell	0.94 0.29	Shrink-swell	0.94
				Depth to soft bedrock	0.29		
34:							
Slickens	90	Not Rated		Not Rated		Not Rated	
35B:							
Timberville variant	90	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Shrink-swell	0.22	Depth to saturated zone	0.96	Shrink-swell	0.22
				Shrink-swell	0.22	Slope	0.13
Frequently flooded	3	Not Rated		Not Rated		Not Rated	
· ·	J	Not Rated		Not Nated		Not Nated	
35C:	00	Manage Baseliand		Many Hospita d		Manage Blood Stand	
Timberville variant	90	Very limited	4.00	Very limited	4.00	Very limited	4.00
		Flooding Slope	1.00 0.37	Flooding Depth to saturated	1.00 0.96	Flooding Slope	1.00 1.00
		Shrink-swell	0.37	zone	0.90	Shrink-swell	0.22
		3	J	Slope	0.37	3	V
ZZ900:							
Water	100	Not Rated		Not Rated		Not Rated	